

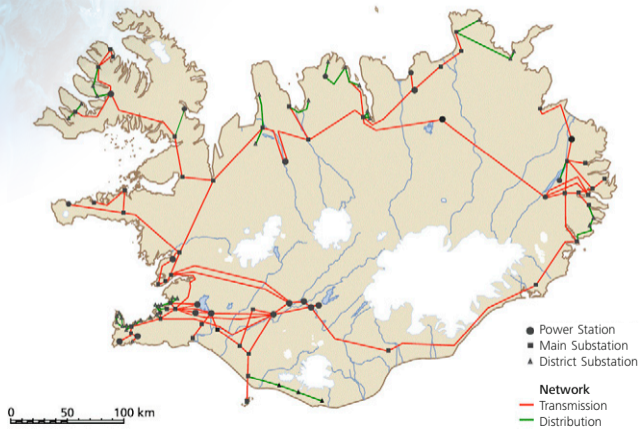


ENERGY STATISTICS  
IN ICELAND **2011**

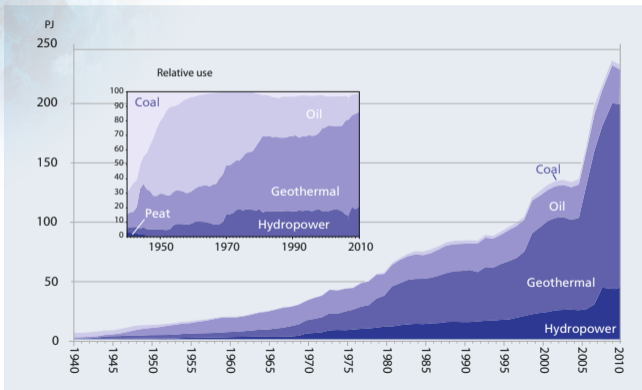


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# Electricity network



## Primary energy use in Iceland 1940–2010



# Generation of electricity in Iceland 2010 and 2009

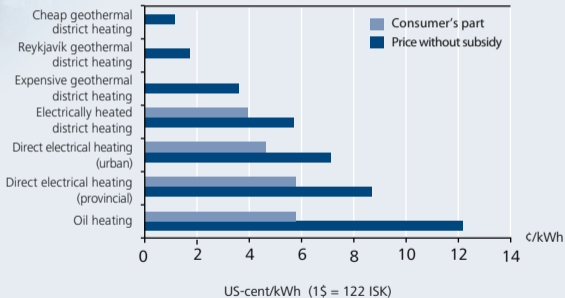
Installed capacity in power plants at the end of the year

	2010		2009	
	MW	%	MW	%
Hydro	1,883	73.0	1,883	73.0
Geothermal	575	22.3	575	22.3
Fuel	121	4.7	121	4.7
<b>Total</b>	<b>2,579</b>	<b>100.0</b>	<b>2,579</b>	<b>100.0</b>

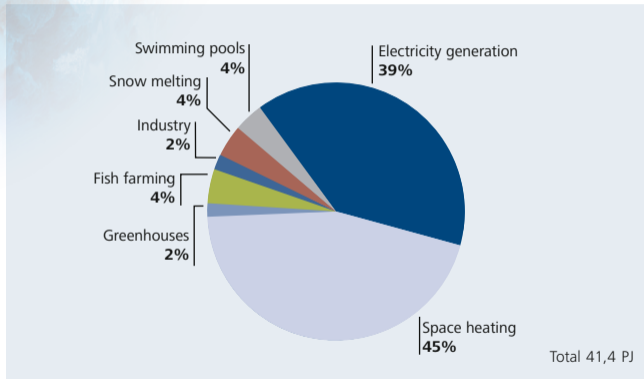
Electricity production

	2010		2009	
	GWh	%	GWh	%
Hydro	12.592	73.8	12.279	72.9
Geothermal	4.465	26,2	4.553	27.0
Fuel	2	0,0	3	0.0
<b>Total</b>	<b>17,059</b>	<b>100,0</b>	<b>16,835</b>	<b>100.0</b>

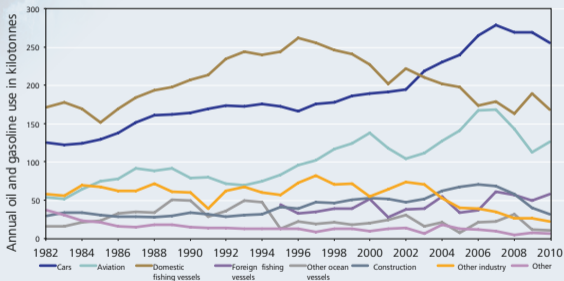
# Comparison of energy prices for residential heating mid year 2010



## Utilisation of geothermal energy 2010



## Oil consumption in Iceland 1982–2010



## Units of power and energy

The International System of Units (SI) is the system of measurement used in Iceland. The basic and customary units for power and energy are:

	Energy	Power
Basic unit	Joule (J)	Watt (W)
Customary unit	Watt hour (Wh)	-

The prefixes for multiples of units in the SI system are:

Prefix	Abbreviations	Multiple of base unit
Exa	E	$10^{18}$
Peta	P	$10^{15}$
Tera	T	$10^{12}$
Giga	G	$10^9$
Mega	M	$10^6$
Kilo	k	$10^3$

Sometimes other units which are not part of the SI system are used, e.g. horsepower, hp, or ton of oil equivalent, toe. The same prefixes are used, e.g. Ktoe and Gtoe.

1 hp = 0,75 kW

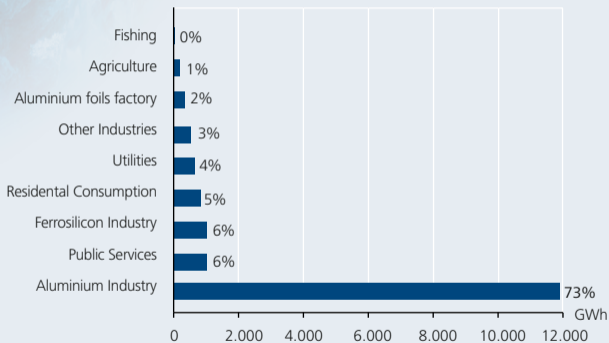
1 toe = 41,9 GJ

1 Wh = 3,6 kJ

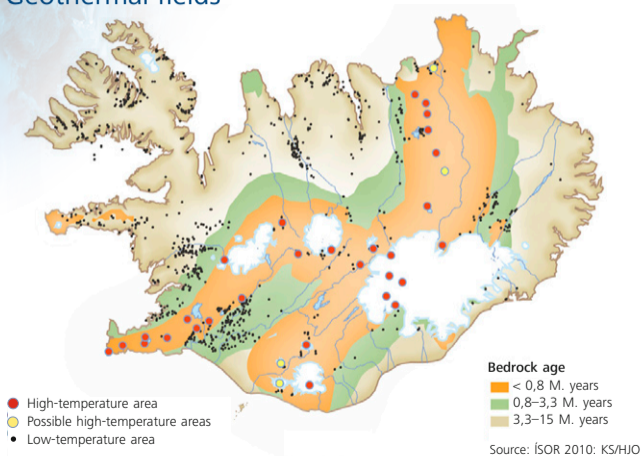
1PJ = 0,278 TWh



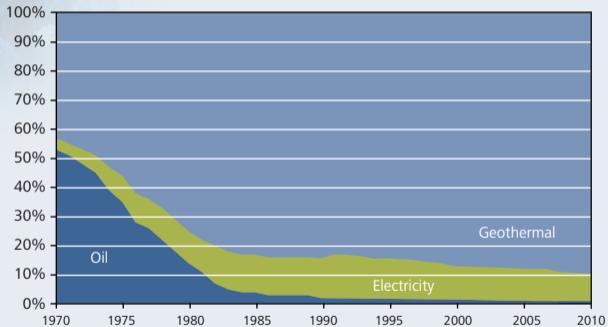
## Electricity consumption 2010



## Geothermal fields



## Space heating 1970–2010





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